

Converting Colors

Android(4288684064)

Have a look what the booklet for
Android(4288684064) contains.

Android(4288684064)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4288684064)

Conversions

Conversions Part 1

Format	Color
Hex	A02020
RGB	160, 32, 32
RGB Percent	63%, 13%, 13%
CMY	0.3725, 0.8745, 0.8745
CMYK	0.00, 0.80, 0.80, 0.37
HSL	0°, 67%, 38%
HSV	0°, 80%, 63%
XYZ	15.2744, 8.6109, 2.2235
YIQ	70.2720, 76.2880, 27.1360

Conversions

Conversions Part 2

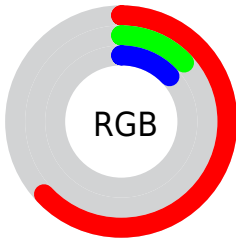
Format	Color
R_{YB}	160, 32, 32
Decimal	10493984
CIE Lab	35.22, 51.05, 33.65
CIE LCh	35, 61.140, 33.394
Yxy	8.6109, 0.5850, 0.3298
Android (android.graphics.Color)	4288684064 (0xFFA02020)
YUV	70.2720, -18.8681, 78.6915
Hunter-Lab	29.3443, 41.5610, 16.0484

Details

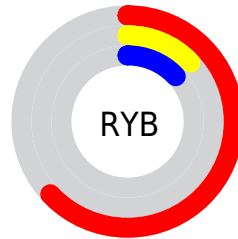
The Android color **4288684064** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **4280328352**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4292761933**, and **4284743680** is the 20% darker color. If you saturate the color by 10%, you get **4288679952**, and if you desaturate by 10%, it is **4288688176**.

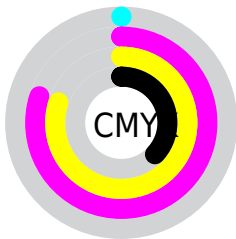
Distribution



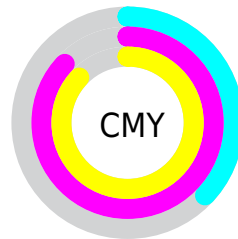
- Red (63%)
- Green (13%)
- Blue (13%)



- Red (63%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (37%)



- Cyan (37%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288684064 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4288684064 by changing the saturation by 10% instead.



4288684064



4288684064

4294967295



4286709770



4292761933



4284743680



4294800485



4282843136



4294938750



4281008129



4294945688



4278190080



4294953139



4294960591



4294967275



4288684064



4288684064

■ 4288679952

■ 4288688176

■ 4288675840

■ 4288692288

■ 4288696400

■ 4288700512

■ 4288704624

■ 4288708736

■ 4288712848

■ 4288716960

■ 4288721072

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289003600



4288684064



4287053568

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4288684064



4278215971



4278212790

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4288684064



4280328352

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278215595



4288684064



4278216535

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4288684064



4281163520



4278216584



4283777958

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4288684064



4285484288



4278216584



4278214069

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4288684064



4291927967



4288684192



4285090378



4293454056



4285098345

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4288684064



4291889160



4288700448



4283385671



4287561728



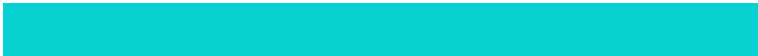
4279173120

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4280328352



4278768081



4280311968



4282863439



4278226831



4278193935

Previews

White Background



This preview shows how the Android color 4288684064 looks on a white background.

Color Contrast Check

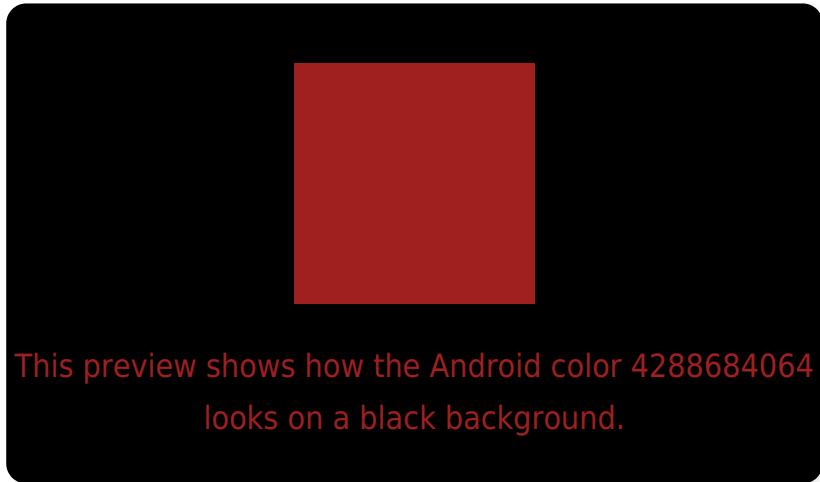
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4288684064 Background



This preview shows how black text looks on a background with the Android color 4288684064.



This preview shows how white text looks on a background with the Android color 4288684064.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
4288684064

Protanopia
4284306478

Deuteranopia
4285157397

Trichromacy



Original Color

4288684064

Protanomaly

4285874473

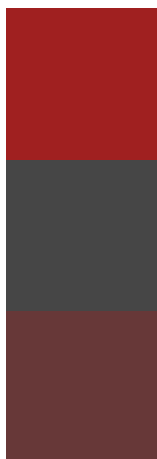
Deuteranomaly

4286463769

Tritanomaly

4288684064

Monochromacy



Original Color

4288684064

Achromatopsia

4282795590

Achromatomaly

4284954680

CSS Examples

Text

The CSS property to change the color of the text to Android 4288684064 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(160, 32, 32)` looks like.

```
.text, #text, p{  
    color:rgb(160, 32, 32)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(160, 32, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 32, 32) }
```

Border

The CSS property to change the border of an element to Android 4288684064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 32, 32) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(160, 32, 32) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(160, 32, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 32, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 32, 32);  
box-shadow:4px 4px 4px 4px rgb(160, 32,  
32) }
```

Background

The CSS property to change the background color of an element to Android 4288684064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 32, 32) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(160, 32,  
32) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor